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**LIST OF PUBLICATIONS
OF INTEREST TO ARCHITECTS, BUILDERS,
ENGINEERS, AND RETAIL LUMBERMEN**

This list includes publications that present the results of research by the Forest Products Laboratory in this particular field of wood products research.

Single copies of the various items may be obtained free upon request from the Director, Forest Products Laboratory, Forest Service, U.S. Department of Agriculture, P.O. Box 5130, Madison, WI 53705. Classroom quantities are not available because of limited printing and storage facilities.

Title	Author	Publication and date
<u>Acoustics</u>		
How to accurately predict the sound insulation of partitions.	Jones, Robert E.	Sound and Vibration 10(6):14-25. 1976.
Field sound insulation evaluation for two auxiliary walls.	Jones, Robert E.	USDA For. Serv. Res. Pap. FPL 244. 1975.
Sound insulation evaluations of several single-row-of-wood-stud party walls.	Jones, Robert E.	USDA For. Serv. Res. Pap. FPL 241. 1975.
Lab-field correlations for airborne sound transmission through party walls.	Jones, Robert E.	USDA For. Serv. Res. Pap. FPL 240. 1975.

Title	Author	Publication and date
Effects of flanking and test environment on lab-field correlations of airborne sound insulation.	Jones, Robert E.	J. of the Acoustical Soc. of America 57(5):1138-1149. 1975.
Improved acoustical privacy in multifamily dwellings.	Jones, Robert E.	Sound & Vibration 30-37. Sept. 1973.
Airborne noise control for vertically stacked bathrooms with mechanical exhaust systems.	Jones, Robert E.	USDA For. Serv. Res. Note FPL-0222. 1972.

Buildings and Structures

Light-frame construction research in the U.S. Forest Service.	Moody, Russell C.	Proceeding, National Extension Housing Workshop, Feb. 2-6, 1976, p. 181-200.
The American home in another perspective.	Hans, Gunard E.	For. Prod. J. 26(7): 14-20. 1976.
In-place treatment of simulated waterfront structures for decay control.	Highley, Terry L. & Scheffer, Theodore C.	Material und Organismen 10(1):57-66, 1975.
Wood-base building materials: Rate of heat release.	Brenden, John J.	J. of Fire and Flammability 6(3):274-293. 1975
A conventional house challenges simulated forces of nature.	Tuomi, Roger L. & McCutcheon, William J.	For. Prod. J. 25(6): 13-20. 1975.
Bowing in roof joists induced by moisture gradients and slope of grain.	Tuomi, Roger L. & Temple, Darrel M.	USDA For. Serv. Res. Pap. FPL 262. 1975.
**Wood structures: A design guide and commentary compiled by the task committee on status-of-the-art: Wood, committee on wood, ASCE structural division.	Task Committee of the American Society of Civil Engineers	ASCE Manual 1975.

**This manual is available for \$12 (\$6 to members of ASCE) from the American Society of Civil Engineers, 345 East 47th Street, New York, NY 10017.

Title	Author	Publication and date
Design criteria for large structural glued-laminated timber beams using mixed species of visually graded lumber.	: Moody, Russell C.	: USDA For. Serv. Res. : Pap. FPL 236. 1974.
Testing of a full-scale house under simulated snowloads and windloads.	: Tuomi, R. L., & : McCutcheon, W. J.	: USDA For. Serv. Res. : Pap. FPL 234. 1974.
Simplified design procedure for glued-laminated bridge decks.	: McCutcheon, W. J., : and Tuomi, Roger L.	: USDA For. Serv. Res. : Pap. FPL 233. 1974.
Bending strength and stiffness of bridge piles after 85 years in the Milwaukee River.	: Bendtsen, B. A.	: USDA For. Serv. Res. : Note FPL-0229. 1974.
Procedure for design of glued-laminated orthotropic bridge decks.	: McCutcheon, W. J., & : Tuomi, R. L.	: USDA For. Serv. Res. : Pap. FPL 210. 1973.
Design procedure for glued-laminated bridge decks.	: Tuomi, R. L., & : McCutcheon, W. J.	: For. Prod. J. 23(6): : 36-42. June 1973.
Wood structures can resist hurricanes.	: Sherwood, G. E.	: Civil Engineering-ASCE: : 91-94. Sept. 1972.
Glued laminated timber bridges--reality or fantasy.	: Bohannon, B.	: Presented at Annual : Meeting of AITC, : Scottsdale, Ariz., : Mar. 13-16, 1972.
FPL timber bridge deck research.	: Bohannon, B.	: J. of Struc. Div., Proc. : of the ASCE 98(ST3), : Proc. Pap. 8779:729-740. : Mar. 1972.
Lateral stability of beam and deck structure.	: Jenkinson, P. M.	: J. of Struc. Div., Proc. : of the ASCE 98(ST3):599- : 609. Mar. 1972.
FPL houses meet needs of low-income families.	: Sherwood, G. E.	: USDA For. Serv. Res. : Pap. FPL 173. 1972.

Title	Author	Publication and date
Shear stiffness of two-inch wood decks for roof systems.	Zahn, J. J.	USDA For. Serv. Res. Pap. FPL 155. 1972.
Advancements in timber bridges through research and engineering.	Tuomi, R. L.	Proc. of 13th Annual Colo. State Univ. Bridge Eng. Conf.: 34-61. 1972.
*Construction guides for exposed wood decks.	Anderson, L. O., Heebink, T. B., & Oviatt, A. E.	USDA Agr. Handb. No. 432. 1972. GPO, \$1.25.
Timber bridges go mod.	Tuomi, R. L., & Bohannon, B.	Wood Preserving Mag., Amer. Wood Preservers' Inst., 1971.
Wood products and their use in construction.	Freas, A. D.	Unasylva 25(2,3,4), Nos. 101-102-103. 1971.
Lower housing costs through improved design and wood utilization.	Liska, J. A.	J.For. 68(7): 399-403. July 1970.
*Wood-frame house construction.	Anderson, L. O.	USDA Agric. Handb. No. 73. Rev. 1970. GPO, \$2.25.
Longtime performance of sandwich panels in Forest Products Laboratory experimental unit.	Sherwood, G. E.	USDA For. Serv. Res. Pap. FPL 144. 1970.
*Designs for low-cost wood homes.	Anderson, L. O., & Zornig, H. F.	USDA For. Serv. unnumbered pub. 1969. GPO. \$0.25
Wood structures survive Hurricane Camille's winds.	Zornig, H. F., & Sherwood, G. E.	USDA For. Serv. Res. Pap. FPL 123. 1969.
Experimental pole-type structure--Initial evaluation.	Doyle, D. V.	USDA For. Serv. Res. Pap. FPL 115. 1969.

*Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Title	Author	Publication and date
Structural engineering research: in wood.	Bohannon, B.	J. of Struc. Div., Proc. of the ASCE 94(ST2), Proc. Pap. 5784:403-416. Feb. 1968.
House foundation of treated wood after 30 years' service.	Bendtsen, B. A., & Eslyn, W. E.	USDA For. Serv. Res. Pap. FPL 98. 1968.
Construction of Nu-frame research house.	Anderson, L. O.	USDA For. Serv. Res. Pap. FPL 88. 1968.
Wood--structural enigma or engineering reality.	Liska, J. A.	J. of Struc. Div., Proc. of the ASCE 93(ST2),

Materials

Effect of duration and rate of loading on strength of wood and wood-based materials.	Gerhards, Charles C.	USDA For. Serv. Res. Pap. FPL 283. 1977.
A perpetual supply of con- struction sheathing panels.	Lehmann, William F.	Plywood and Panel Magazine. Jan. 1977.
Proposed studies of time- related load effects on wood materials.	Gerhards, C. C., Barrett, J. D., Madsen, B., Strickler, M. D., & Pellerin R.	For. Prod. J. 26(12):39-40. 1976.
Fatigue properties of three particleboards in tension and interlaminar shear.	McNatt, J. Dobbin, & Werren, Fred	For. Prod. J. 26(5):45-48. 1976.
Effect of rate of loading and duration of load on properties of particleboard.	McNatt, J. Dobbin	USDA For. Serv. Res. Pap. FPL 270. 1975.
Humidity effects on properties of structural particleboards from forest residues.	McNatt, J. Dobbin	USDA For. Serv. Res. Pap. FPL 267. 1975.

Title	Author	Publication and date
Middle ordinate method measures stiffness variation within pieces of lumber.	Kass, Andrew J.	For. Prod. J. 25(3):33-41. 1975.
Investigating methods to evaluate impact behavior of sheathing materials.	Superfesky, M. J.	USDA For. Serv. Res. Pap. FPL 260. 1975.
Effect of incising on bending properties of redwood dimension lumber.	Kass, A. J.	USDA For. Serv. Res. Pap. FPL 259. 1975.
Grain angle through flake thickness: Effect on properties of a structural flake-board.	Heebink, Bruce G.	USDA For. Serv. Res. Pap. FPL 257. 1975.
Dielectric properties of wood and hardboard: Variation with temperature, frequency, moisture content, and grain orientation.	James, William L.	USDA For. Serv. Res. Pap. FPL 245. 1975.
Mechanical properties of 23 species of eastern hardwoods.	Bendtsen, B. Alan, & Ethington, Robert L.	USDA For. Serv. Res. Note FPL-0230. 1975.
Stress wave speed and moe of sweetgum ranging from 150 to 15 percent mc.	Gerhards, C. C.	For. Prod. J. 25(4):51-57. 1975.
Allowable bending stresses of wood for use in portable wood ladders.	Werren, Fred	USDA For. Serv. Gen. Tech. Report. FPL-5. 1975.
Effects of layer characteristics on the properties of three-layer particleboards.	Geimer, R. L., Montrey, H. M., & Lehmann, W. F.	For. Prod. J. 25(3): 19-29. 1975.
Engineering properties of structural particleboards from forest residues.	Geimer, Robert L., Lehmann, William F., & McNatt, J. Dobbin	Proceedings of Washington State Univ. Particleboard Symposium, p. 119-143. 1974.

Title	Author	Publication and date
Bending strength and stiffness of bridge piles after 85 years in the Milwaukee river.	Bendtsen, B. A.	USDA For. Serv. Res. Note FPL-0229. 1974.
Evaluation of models for predicting tensile strength of 2- by 4-inch lumber.	Gerhards, C. C., & Ethington, R. L.	For. Prod. J. 24(12):4654. 1974.
Properties of structural particleboards from Douglas-fir forest residues.	Lehmann, W. F., & Geimer, R. L.	For. Prod. J. 24(10) 17-25. Oct. 1974.
Panel products to choose from.	Werren, F.	USDA 1974 Yearb. of Agric., p. 112-115. 1974.
Basic properties of three medium-density hardboards.	Superfesky, M. J., & Lewis, W. C.	USDA For. Serv. Res. Pap. FPL 238. 1974.
Beam strength: Time-dependent characteristics of prestressed beams.	Bohannon, B.	USDA For. Serv. Res. Pap. FPL 226. 1974.
Properties of particleboards at various humidity conditions.	McNatt, J. D.	USDA For. Serv. Res. Pap. FPL 225. 1974.
Elastic bearing constants for sheathing materials.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 224. 1974.
Flexural strength of glued-laminated timber beams containing coarse-grain southern pine lumber.	Moody, R. C.	USDA For. Serv. Res. Pap. FPL 222. 1974.
Particleboard from lodgepole pine forest residue.	Heebink, B. G.	USDA For. Serv. Res. Pap. FPL 221. 1974.
Development in particleboard and other composite products.	Lehmann, W. R.	J. For. 72(11):706-708. Nov. 1974.
How species and board densities affect properties of exotic hardwood particleboards.	Vital, B. R., Lehmann, W. F., & Boone, R. S.	For. Prod. J. 24(12): 37-45. Dec. 1974.

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Evaluation of models for predicting tensile strength of 2- by 4-inch lumber.	Gerhards, C. C., & Ethington, R. L.	For. Prod. J. 24(12): 4654. 1974.
Properties of structural particleboards.	Lehmann, W. F.	For. Prod. J. 24(1): 19-26. 1974.
Hardboard: A potential outlet for waxed container waste.	Steinmetz, P. E.	Tappi 47(2):74-77. Feb. 1974.
Visual method for measuring formaldehyde release from resin-bonded boards.	Harkin, J. M., Obst, J. R., & Lehmann, W. F.	For. Prod. J. 24(1): 27-30. Jan. 1974.
Effects of equilibrium moisture content changes on hardboard properties.	McNatt, J. D.	For. Prod. J. 24(2): 29-35. Feb. 1974.
Producing hardboards from red oak.	Steinmetz, P. E.	USDA For. Serv. Res. Pap. FPL 219. 1973.
A perspective on structural lumber grading.	Ethington, R. L., & Fleischer, H. O.	For. Prod. J. 23(9): 54, 55. Sept. 1973.
A method for studying the stiffness and internal friction of individual fibers.	James, W. L.	Wood Sci. 6(1): 30-38. July 1973.
Evolution of glulam strength criteria.	Bohannon, B., & Moody, R. C.	For. Prod. J. 23(6): 19-24. June 1973.
Ultrasonic location of defects in softwood lumber.	McDonald, K. A.	Timber Trades J. S/17-S/19. Jan. 1973.
Modulus of elasticity and bending-strength ratio as indicators of tensile strength of lumber.	Orosz, I.	J. of Mater. 4(4): 842-864. 1973.
Effect of pyrolytic temperatures on the longitudinal strength of dry Douglas-fir.	Schaffer, E. L.	J. of Testing & Evaluation 1(4):319-329. 1973.

Title	Author	Publication and date
Wood siding: Installing, finishing, maintaining.	Forest Products Laboratory	USDA Home & Garden Bull. 203. 1973.
Longtime performance of trussed rafters with different connection systems: 5-year evaluation.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 204. 1973.
Mastic construction adhesives in fire exposure.	River, B. H.	USDA For. Serv. Res. Pap. FPL 198. 1973.
FPL Press-Lam process: Fast, efficient conversion of logs into structural products.	FPL Press-Lam Research Team	For. Prod. J. 22(11): 11-18. Nov. 1972.
Irreversible dimensional changes in panel materials.	Heebink, B. G.	For. Prod. J. 22(5): 44-48. May 1972.
Accelerated aging: Residual weight and flexural properties of wood heated in air at 115° to 175° C.	Millett, M. A., & Gerhards, C. C.	Wood Sci. 4(4):193-201. Apr. 1972.
Strength criteria of glued-laminated timber.	Bohannon, B.	NBS, Pub. 361, Vol. 1: 625-632. Performance Concept in Buildings. Proc. of Joint RILEM-ASTM-CIB Symp., May 2-5, 1972, Philadelphia, Pa. Mar. 1972.
Lateral stability of beam and deck structure.	Jenkinson, P. M., & Zahn, J. J.	J. of Struc. Div., Proc. of the ASCE 98(ST3), Proc. Pap. 8786:599-609. Mar. 1972.
Buckling due to linear expansion of hardboard siding.	McNatt, J. D.	For. Prod. J. 23(1): 37. 1972.
Tensile strength of lumber laminated from 1/8-inch thick veneers.	Moody, R. C.	USDA For. Serv. Res. Pap. FPL 181. 1972.

Title	Author	Publication and date
Selection and use of wood products for home and farm building.	Anderson, L. O.	Agric. Inf. Bull. 311. Rev. 1972.
Some views on large structural particleboard panels.	Heebink, B. G.	USDA For. Serv. Res. Note FPL-0220. 1972.
Board materials from wood residues.	Lewis, W. C.	USDA For. Serv. Res. Note FPL-045. Rev. 1971.
Some stress-grading criteria and methods of grade selection for dimension lumber.	Ethington, R. L.	USDA For. Serv. Res. Pap. FPL 148. 1971.
Effect of fire-retardant treatment on bending strength of wood.	Gerhards, C. C.	USDA For. Serv. Res. Pap. FPL 145. 1971.
Glued-laminated timber research at the Forest Products Laboratory.	Moody, R. C.	For. Prod. J. 20(9): 81-86. Sept. 1970.
Dependence of MOE on strength ratio and specific gravity: 4-inch-thick southern pine.	Gerhards, C. C.	For. Prod. J. 20(6):37, 38. June 1970.
Further report on seasoning factors for modulus of elasticity and modulus of rupture.	Gerhards, C. C.	For. Prod. J. 20(5):40, 41. May 1970.
Large glued-laminated beams with AITC 301A-69 grade tension laminations.	Moody, R. C., & Bohannon, B.	USDA For. Serv. Res. Pap. FPL 146. 1970.
Method for determining sample size when deriving tolerance limits for a timber species.	Bendtsen, B. A., & Rattner, F.	Mater. Res. & Stand., ASTM 9(6):30, 31. June 1969.
Particleboard.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-072. Rev. 1969.

Title	Author	Publication and date
Static and dynamic strength and elastic properties of ponderosa and loblolly pine.	James, W. L.	Wood Sci. 1(1):15-22. July 1968.
Surface flammability of various wood-base building materials.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0186. 1968.
Tension parallel-to-grain properties of southern pine dimension lumber.	Doyle, D. V., & Markwardt, L. J.	USDA For. Serv. Res. Pap. FPL 84. 1967.
Charring rate of selected woods--Transverse to grain.	Schaffer, E. L.	USDA For. Serv. Res. Pap. FPL 69. 1967.
Review of information related to the charring rate of wood.	Schaffer, E. L.	USDA For. Serv. Res. Note FPL-0145. 1966.
Flexural behavior of large glued-laminated beams.	Bohannon, B.	USDA For. Serv. Res. Pap. FPL 72. 1966.
Properties of southern pine in relation to strength grading of dimension lumber.	Doyle, D. V., & Markwardt, L. J.	USDA For. Serv. Res. Pap. FPL 64. 1966.

Components

Hardboard-webbed i-beams subjected to short-term loading.	Superfesky, M. J., & Ramaker, Terry J.	USDA For. Serv. Res. Pap. FPL 264. 1976.
Product and process variables associated with a shaped particle beam.	Geimer, Robert L., & Lehmann, William F.	For. Prod. J. 25(9):72-80. 1975.
Stressed-skin panel deflections and stresses.	Kuenzi, Edward W., & Zahn, John J.	USDA For. Serv. Res. Pap. FPL 251. 1975.
Product and process variables associated with a shaped particle beam.	Geimer, Robert L., & Lehmann, William F.	For. Prod. J. 25(9):72-80. 1975.

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Fire endurance of wood-frame and sandwich wall panels.	Eickner, H. W.	Journal of Fire and Flammability 6(2): 155-190. 1975.
Allowable bending stresses of wood for use in portable wood ladders.	Werren, F.	USDA For. Serv. Gen. Tech. Rep. FPL-5. 1975.
Taper of wood poles.	Bohannon, B., Habermann, H., & Lengel, J. E.	USDA For. Serv. Gen. Tech. Rep. FPL-2. 1974.
Plywood and veneer: If we need it--construction plywood from hardwoods is feasible.	Lutz, J., & Jokerst, R. W.	Plywood & Panel 14(9): 18-20. Feb. 1974.
Compressive and shear properties of polyamide honeycomb cores.	Kuenzi, E. W., & Jenkinson, P. M.	USDA For. Serv. Res. Note FPL-0202. Rev. 1974.
Basic engineering properties of particleboard.	McNatt, J. D.	USDA For. Serv. Res. Pap. FPL 206. 1973.
Local buckling of orthotropic truss-core sandwich.	Zahn, J. J.	USDA For. Serv. Res. Pap. FPL 220. 1973.
Mechanical properties of diffusion-bonded titanium sandwich constructions.	Kuenzi, E. W.	USDA For. Serv. Res. Pap. FPL 218. 1973.
Bending of a circular sandwich plate by load applied through an insert.	Montrey, H. M.	USDA For. Serv. Res. Pap. FPL 201. 1973.
Edgewise compressive and fatigue properties of brazed titanium sandwich constructions.	Stevens, G. H.	USDA For. Serv. Res. Pap. FPL 196. 1973.
Design parameters for torsion of sandwich strips having trapezoidal, rectangular, and triangular cross sections.	Montrey, H. M., & Kuenzi, E. W.	USDA For. Serv. Res. Pap. FPL 156. 1973.

Title	Author	Publication and date
Lateral stability of wood beam-and-deck systems.	Zahn, J. J.	J. of Struc. Div., Proc. of the ASCE 99(ST7), Proc. Pap. 9829:1391-1408. July 1973.
A low-cost window--Without jambs.	Chern, J.	USDA For. Serv. Res. Note FPL-0221. 1973.
Methods for measuring die-cutting shear strength of hardboard.	McNatt, J. D.	For. Prod. J. 22(6): 32-36. June 1972.
Predicting performance of hardboards in I-beams.	Ramaker, T. J., & Davister, M. D.	USDA For. Serv. Res. Pap. FPL 185. 1972.
Longtime performance of sandwich panels in Forest Products Laboratory experimental unit.	Sherwood, G. E.	USDA For. Serv. Res. Pap. FPL 144. 1971.
Proposed low-cost window unit.	Heebink, B. G.	USDA For. Serv. Res. Note FPL-0211. 1971.
How press temperature affects linear stability of hardboard	Steinmetz, P. E.	Wood & Wood Prod. 75(6): 49. June 1970.
Design stresses for hardboard--Effect of rate, duration, and repeated loading.	McNatt, J. D.	For. Prod. J. 20(1): 53-60. Jan. 1970.
Residual stresses in curved laminated wood beams.	Zahn, J. J.	J. of Struc. Div., Proc. of the ASCE 95(ST12), Proc. Pap. 6977:2873-2890. Dec. 1969.
Diaphragm action of diagonally sheathed wood panels.	Doyle, D. V.	USDA For. Serv. Res. Note FPL-0205. 1969.
Some fatigue characteristics of glass-reinforced composite laminates.	Boller, K. H.	Amer. Soc. of Mech. Eng. 70-DE-6:1-8. 1969.
Fatigue fundamentals for composite materials.	Boller, K. H.	Composite Materials: Testing & Design, ASTM STP 460:217-235. 1969.

Title	Author	Publication and date
Longtime performance of trussed rafters: Initial evaluation.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 93. 1968.
<u>Joints and Fastenings</u>		
Vibrational loading of mechan- ically fastened wood joints.	Wilkinson, Thomas Lee	USDA For. Serv. Res. Pap. FPL 274. 1976.
Screw withdrawal resistance of types A and AB sheet metal screws in particleboard and medium-density hardboard.	Superfesky, M. J.	USDA For. Serv. Res. Pap. FPL 239. 1974.
Elastic bearing constant of wood: Effects of moisture content conditions.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 235. 1974.
Degradation of wood by products of metal corrosion.	Baker, A. J.	USDA For. Serv. Res. Pap. FPL 229. 1974.
Elastomeric adhesives in building construction.	Gillespie, R. H., & River, B. H.	Build. Res. Oct./ Dec. 1972.
Analysis of nailed joints with dissimilar members.	Wilkinson, T. L.	J. of Amer. Soc. Civil Eng. No. 9198 (ST9):2005- 2013. Sept. 1972.
Effect of deformed shanks, prebored lead holes, and grain orientation on the elastic bearing constant for laterally loaded nail joints.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 192. 1972.
Theoretical lateral resistance of nailed joints.	Wilkinson, T. L.	J. of Struc. Div., Proc. of the ASCE 97(ST5), Proc. Pap. 8121:1381- 1398. May 1971.
Bearing strength of wood under embedment loading of fasteners.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 163. 1971.

Title	Author	Publication and date
Composite beams--Effect of adhesive or fastener rigidity.	Kuenzi, E. W., & Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 152. 1971.
Lateral and withdrawal resistance of tapping screws in three densities of wood.	Wilkinson, T. L., & Laatsch, T. R.	For. Prod. J. 20(7): 34-41. July 1970.
Tensile strength of finger joints in pith-associated and nonpith-associated southern pine.	Moody, R. C.	USDA For. Serv. Res. Pap. FPL 138. 1970.
Fatigue strength of finger joints.	Bohannon, B., & Kanvik, K. J.	USDA For. Serv. Res. Pap. FPL 114. 1969.
Load distribution in multiple-bolt tension joints.	Cramer, C. O.	Proc. of Amer. Soc. Civ. Eng. 94(ST5):1101-1117. May 1968.
Moisture cycling of trussed rafter joints.	Wilkinson, T. L.	USDA For. Serv. Res. Pap. FPL 67. 1966.
Strength of wood joints made with nails, staples, or screws.	Scholten, J. A.	USDA For. Serv. Res. Note FPL-0100. 1965.

Insulation and Moisture Control

Erection procedure for glued-laminated timber bridge decks with dowel connectors.	Tuomi, Roger L.	USDA For. Serv. Res. Pap. FPL 263. 1976.
Humidity effects on properties of structural particleboards from forest residues.	McNatt, J. Dobbin	USDA For. Serv. Res. Pap. FPL 267. 1975.
Lab-field correlations for airborne sound transmissions through party walls.	Jones, R. E.	USDA For. Serv. Res. Pap. FPL 240. 1975.
Elastic bearing constant of wood: Effects of moisture content conditions.	Wilkinson, Thomas L.	USDA For. Serv. Res. Pap. FPL 235. 1974.

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An apparatus developed to measure rate of heat release from building materials.	Brenden, J. J.	USDA For. Serv. Res. Pap. FPL 217. 1973.
Weathering characteristics of particleboard.	Geimer, R. L., Heebink, B. G., & Hefty, F. V.	USDA For. Serv. Res. Pap. FPL 212. 1973.
Modeling the creep of wood in a changing moisture environment.	Schaffer, E. L.	Wood & Fiber 3(4):232-235. Winter 1972.
Condensation problems in your house: Their prevention and solution.	Anderson, L. O.	AIB-373. 1972.
A climate index for estimating potential decay in wood structures above ground.	Scheffer, T. C.	For. Prod. J. 21(10): 25-31. Oct. 1971.
Moisture content of laminated timbers.	Hann, R. A., Oviatt, A. E., Markstrom, D. M., & Duff, J. E.	USDA For. Serv. Res. Pap. FPL 149. 1970.

Coatings and Finishes; Preservation and Protection

How to refinish wood siding with latex paints.	Mraz, Edward A.	USDA For. Serv. Res. Note FPL-0232. 1976.
Comparison of wood preservatives in stake tests (1975 Progress Report).	Gjovik, L. R., & Davidson, H. L.	USDA For. Serv. Res. Note FPL-02. 1975.
Comparison of wood preservatives in Mississippi post study (1975 Progress Report).	Gjovik, L. R., & Davidson, H. L.	USDA For. Serv. Res. Note FPL-01. 1975.
Fire-retardant treatments for dry-formed hardboard.	Meyers, G. C., & Holmes, C. A.	For. Prod. J. 24(1): 20-28. 1975.

Title	Author	Publication and date
Inorganic surface treatments for weather-resistant natural finishes.	Black, J. M., & Mraz, E. A.	USDA For. Serv. Res. Pap. FPL 232. 1974.
The characterization of wood-preserving creosote by physical and chemical methods of analysis.	Nestler, F.H.M.	USDA For. Serv. Res. Pap. FPL 195. 1974.
Attractant-mirex bait suppresses activity of <u>Reticulitermes</u> spp.	Esenther, G. R., & Beal, R. H.	J. Econ. Entomol. 67(1):85-88. Feb. 1974.
Effectiveness of groundline treatments of creosoted pine poles under tropical exposure.	Chudnoff, M., Gjovik, L. R., & Wawriw, R.	For. Prod. J. 23(9): 80-84. Sept. 1973.
How fourteen coating systems affected smoke yield from Douglas-fir plywood.	Brenden, J. J.	USDA For. Serv. Res. Pap. FPL 214. 1973.
Protection: Evaluating chemicals for controlling biodeterioration of stored wood chips.	Eslyn, W. E.	For. Prod. J. 23(11): 21-25. Nov. 1973.
Contraction in softwood surfaces during ultraviolet irradiation and weathering.	Miniutti, V. P.	J. Paint Tech. 45(577):27-34. Feb. 1973.
Is wood hardness affected by preservative treatment?	Ethington, R. L.	For. Prod. J. 22(5): 60. May 1972.
Methods of evaluating fire-retardant treatments for wood shingles.	Holmes, C. A.	For. Prod. J. 22(3): 45-50. Mar. 1972.
Wood minesweepers are sound after 15 years of service.	Highley, T. L., & Selbo, M. L.	For. Prod. J. 21(5): 46-48. May 1971.
Simulated service testing of wood and wood-base finish flooring.	Lewis, W. C.	USDA For. Serv. Res. Note FPL-0215. 1971.

Title	Author	Publication and date
Evaluation of fire-retardant treatments for wood shingles.	Holmes, C. A.	USDA For. Serv. Res. Pap. FPL 158. 1971.
Treated wood foundations for buildings.	Gjovik, L. R., & Baechler, R. H.	For. Prod. J. 20(5): 45-48. May 1970.
Wood finishing: Blistering, peeling, and cracking of house paints from moisture.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0125. 1970.
Odor problems from some plywoods.	Zinkel, D. F., Ward, J. C., & Kukachka, B. F.	For. Prod. J. 19(12): 60. Dec. 1969.
Study of paintability and cleanliness of wood pressure treated with water-repellent preservative.	Panek, E.	Amer. Wood-Preservers' Assoc. 64:178-188. Apr. 1968.
Water-repellent preservatives.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0124. 1968.
Fire-retardant effects of individual chemicals on Douglas-fir plywood.	Eickner, H. W., & Schaffer, E. L.	Fire Tech. 3(2):90-104. May 1967.
Factors influencing decay of untreated wood.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0154. 1967.
Comparative decay resistance of heartwood of native species.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0153. 1967.
Fire-retardant-treated wood.	Eickner, H. W.	ASTM, J. of Mater. 1(3): 625-644. Sept. 1966.
Weathering of wood.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0135. 1966.
Finishing exterior plywood.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0133. 1966.

Title	Author	Publication and date
Building decay associated with rain seepage.	Verrall, A. F.	USDA For. Serv. Tech. Bull. 1356. 1966.
Discoloration of house paints by water-soluble extractives in western redcedar and redwood.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0132. 1966.
Painting outside wood surfaces.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0123. 1966.
<u>Miscellaneous</u>		
The effect of declining population growth on housing demand.	Marcin, Thomas C.	Challenge November/December 1976.
Forests--our inheritance and our legacy.	Saeman, Jerome F.	Northern Logger and Timber Processor, p. 6-7, June 1976.
Hardwoods to the rescue.	Bulgrin, Erwin H.	Southern Lumberman 231(2872):56-57. Dec. 15. 1975.
Future role of wood as a material.	Fleischer, H. O.	Am. Inst. of Chem. Eng. Symp. Ser. No. 146, Vol. 71, p. 3. 1975.
*Wood handbook: Wood as an engineering material.	Forest Products Laboratory	USDA Agric. Handb. 72 p. 432. Rev. 1974.
Standard terms for describing wood.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0171. 1973.
A facility to evaluate three-dimensional performance of house modules.	Boller, K. H.	USDA For. Serv. Res. Note FPL-0225. 1972.

*Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Title	Author	Publication and date
Evaluating adhesives for building construction.	Gillespie, R. H., & Lewis, W. C.	USDA For. Serv. Res. Pap. FPL 172. 1972.
Evaluation of adhesive-bond quality in telephone crossarms after 16 to 23 years of exterior exposure.	Jokerst, R. W.	USDA For. Serv. Res. Pap. FPL 171. 1972.
A computerized wood engineering system: Purdue plane structures analyzer.	Suddarth, S. K.	USDA For. Serv. Res. Pap. FPL 168. 1972.
Usefulness of a new method for measuring smoke yield from wood species and panel products.	Brenden, J. J.	For. Prod. J. 21(12): 22-28. Dec. 1971.
Wood products and their use in construction.	Freas, A. D.	Presented at the World Consultation on the Use of Wood in Housing. Vancouver, British Columbia. 1971. Unasylva 25(2-3-4), Nos. 101-102-103:53-68. 1971.
Problems associated with the development of use of wood in construction and possible solutions. Part 1. Technical aspects.	Liska, J. A.	Presented at the World Consultation on the Use of Wood in Housing. Vancouver, British Columbia. 1971. Unasylva 25(2-3-4), Nos. 101-102-103:71-79. 1971.
Wood--It's wonderful.	Fleischer, H. O.	Wood & Wood Prod. 76(11):72-C. 1971.
Acoustical absorption properties of wood-base panel materials.	Godshall, W. D., & Davis, J. H.	USDA For. Serv. Res. Pap. FPL 104. 1969.

Title	Author	Publication and date
Wood--A reliable engineering material.	Wood, L. W.	J. of Struc. Div., Proc. of the ASCE 93(ST2), Proc. Pap. 5171:57-62. Apr. 1967.
Forest Service research on structural use of wood.	Freas, A. D.	J. of Struc. Div., Proc. of the ASCE 93(ST2), Proc. Pap. 5177:91-104. Apr. 1967.
Differences between heartwood and sapwood.	Forest Products Laboratory	USDA For. Serv. Res. Note FPL-0147. 1966.

